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Query Match 6.0%; Score 67.6; DB 9; Length 3309400;
 Best Local Similarity 51.3%; Pred. No. 1.9e-09; Mismatches 157; Conservative 0; Indels 0; Gaps 0; Matches 157; Mismatches 149; Indels 0; Gaps 0;

Qy 129 GCTGCTCATGTCCTCTTGGATGTCGGATGAGATCCGGAGCTGCTGGCGACATCG 188
 Db 2466869 GATCATCATGTCACCATGGTGGATTCAGTGGCTAA 2466810
 Qy 189 GAGACCTCTGGCATCTGGCTGCTGGACTGCTGCGATGCTGCTGCTTACAGC 248
 Db 2466809 AGTGTCCACTGCTCATGTCATGTCAGGGTGGATGAGCTGCGACATCG 2466750

Qy 249 TTATCTCTGCCATTAGCTTCTGACGCCAGTCCAACTATGCTGTCATCAT 308
 Db 2466749 GATCGTGGTTCGAAATGTCACCTCAACCCACTCCCGTGGCTTCATGCT 2466690

Qy 309 GGGCTCTGCGCGGGGGCACACATCTAACATTTCACCTCTCGGGTGTGGAGATAT 368
 Db 2466689 GGGATCGTTGGGGGACTCCCTCCAAATGATTCGCTTCAGGGATGT 2466630

Qy 369 GAGATCTCAGCTCAAGTACACCTGTCACCCGGCCCTGGAAATGATGCCACT 428
 Db 2466629 CGGGCTCATGCCACCATGACTCTGTCACCATGTTGCCATCATGACGCCTT 2466570

Qy 429 CTGCAT 434
 Db 2466569 CCTCAT 2466564

RESULT 11
 US-09-938-842A-380
 ; Sequence 380, Application US/09938842A
 ; Patent No. US20020160378A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Harper, Harper, Jeff
 ; APPLICANT: Kreps, Joel
 ; APPLICANT: Wang, Xun
 ; APPLICANT: Zhu, Tong
 ; TITLE OF INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSGENIC PLANTS CONTAINING
 ; FILE REFERENCE: SCRIPT300-3
 ; CURRENT APPLICATION NUMBER: US/09/938-842A
 ; CURRENT FILING DATE: 2001-08-24
 ; PRIOR APPLICATION NUMBER: US 60/227,866
 ; PRIOR FILING DATE: 2000-08-24
 ; PRIOR APPLICATION NUMBER: US 60/264,647
 ; PRIOR FILING DATE: 2001-01-16
 ; PRIOR APPLICATION NUMBER: US 60/300,111
 ; PRIOR FILING DATE: 2001-06-22
 ; NUMBER OF SEQ ID NOS: 5379
 ; SEQ ID NO: 380
 ; LENGTH: 1017
 ; TYPE: DNA
 ; ORGANISM: Arabidopsis thaliana
 ; US-09-938-842A-380

Query Match 5.7%; Score 64.4; DB 9; Length 1017;
 Best Local Similarity 49.4%; Pred. No. 1.7e-10; Mismatches 167; Conservative 0; Indels 0; Gaps 0; Matches 167; Mismatches 171; Indels 0; Gaps 0;

Qy 103 ACAGTGGTCACTGATGATGGGGCTGTCATGTCCTTGGATGTCGGAG 162
 Db 199 ACAGATCTCTTACTCTAGGTTGATTCATGGTTGACTCTAG 258

Qy 163 ATCCGGAACTGGTGCACATCAGGAGACCTGGGATCTGTTGGGACTGCTGC 222
 Db 259 TTGAGAATTGAGATGTTACGAAATGATGAGCTGGGCTGGTGTGGAGTATGG 318

Qy 223 CAGTTGGCTCATGCCTTACGTTATCTCGCCATAGCTTCTGTAAGCCA 282
 Db 319 GATATATGAGCAAGCAATTAGTGTTCATGCAATGACTCTAACGTTGGCA 378

Qy 283 GTCCAAGCTATGCTCTCATCGGCTGCTGCCGGGGCACATCTAACATT 342

RESULT 12
 US-10-091-628-4
 ; Sequence 4, Application US/10091628.
 ; Patent No. US20020164627A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Wilgowski, Nathaniel L.
 ; APPLICANT: Nepomnych, Boris S.
 ; APPLICANT: Burnett, Michael B.
 ; TITLE OF INVENTION: No. US20020164627A1 Human Transporter Proteins and Polynucleotides
 ; TITLE OF INVENTION: Same
 ; CURRENT APPLICATION NUMBER: US/10/091-628
 ; CURRENT FILING DATE: 2002-03-06
 ; PRIOR APPLICATION NUMBER: US 60/275,009
 ; PRIOR FILING DATE: 2001-03-12
 ; PRIOR APPLICATION NUMBER: US 60/284,152
 ; PRIOR FILING DATE: 2001-04-17
 ; NUMBER OF SEQ ID NOS: 6
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO: 4
 ; LENGTH: 1317
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-10-091-628-4

Query Match 5.5%; Score 62.4; DB 9; Length 1317;
 Best Local Similarity 46.2%; Pred. No. 8.9e-10; Mismatches 207; Conservative 0; Indels 0; Gaps 0; Matches 207; Conservative 0; Mismatches 241; Indels 0; Gaps 0;

Qy 131 TGCTCATGTCCTCTGGATGTTCTGGAGATCCGGAAAGCTGGTCCACATCGGA 190
 Db 458 TGAATAGTGGATGCTTGGTGTGAGATGAAATCAGCTGTTCAAAGTATGGA 517

Qy 191 GACCCGGGCAATTCTGTGGACTCTGCTCTGGCACTTGGCTCATGCCCTTACAGCT 250
 Db 518 GACCTTGCCAGTAATTCTGGGAGTACACATTCTGATGCCATTTCGGGT 577

Qy 251 ATCTCTGGCCATTAGCTTCTCTGAAAGTCAGTCACASCTATGCTGTCATCATGG 310
 Db 578 TTCTTGTCTAGATTGGCATGGCTGAGGGCAAGCTTTCGGATGTTGAACCT 637

Qy 311 GCTGGTGGGGGGGACCATCTAACATTCTACACTCTGGTTGATGGAGATATGG 370
 Db 638 GCACGTCGCCAGGAGGGGGGGGGCTATCTCTTGTCTGCTCTGATGGAGATTC 697

Qy 371 ATCTCAGCATCTGATGACACCTGTTCCACCGTGGCGCCCTGGGATCTGCCTCT 430
 Db 698 CATGGCCATTGATGACTGGCACATCACATTATTGGCTCTGATCATGTCATGTC 757

Qy 431 GCATTATCTCTACCTGGTCTCGGATGCTTCAGCAGAATCTACCATTCATGAGA 490

Db 758 ATTCTTATATACAGTGGATATTAGGTGTGTCAGGAGTACATCCATATTCCTGTTCTA 817

Qy 491 ACATAGGAATTACCTTGTGCGCCACCTCCCTGGCTTGTGTTGATGAAATT 550
 Db 818 AAATCTGTCACACTCTTCTCATACTCTGCGATCATGATGTCATCAAGC 877

Qy 551 ACAGATGGCCAAACAACTCAAATCAT 578
 Db 878 ATAGATACCTGAAAGCAAGCTCT 905

RESULT 13

US-10-091-628-6

Sequence 6, Application US/10091628

GENERAL INFORMATION:

PATENT NO: US20020164627A1

APPLICANT: Wilgornowski, Nathaniel L.

APPLICANT: Nepomichy, Boris

APPLICANT: Burnett, Michael B.

APPLICANT: Hu, Yi

TITLE OF INVENTION: No. US20020164627A1 Human Transporter Proteins and Polynucleotides

FILE REFERENCE: LEX-0314-USA

CURRENT APPLICATION NUMBER: US/10/091,628

CURRENT FILING DATE: 2002-03-06

PRIOR APPLICATION NUMBER: US 60/275,009

PRIOR FILING DATE: 2001-03-12

PRIOR APPLICATION NUMBER: US 60/284,152

PRIOR FILING DATE: 2001-04-17

NUMBER OF SEQ ID NOS: 6

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO: 6

LENGTH: 1777

TYPE: DNA

ORGANISM: Homo sapiens

US-10-091-628-6

Query Match 5.5%; Score 62.4; DB 9; Length 1777; Best Local Similarity 46.2%; Pred. No. 1.1e-241; Matches 0; Mismatches 241; Indels 0; Gaps 0;

QY 131 TGCTCATGTTCTTGGATGTTCCGGAGATCCGGAGCTGGTGGCGACATCGGA 190

Db 756 TGAATAGCTGCAATTGGTGGAAAGTGGAAATACAGCTGTTCAACAGATGGAA 815

QY 191 GACCCCTGGGCAATGCTGGGACTGCTGGCAAGTTGGCTCATGCCCTTACAGCTT 250

Db 816 GACCTTGGCAAGTAATCTTGGGGCAGTTAACAGTTTTCTGATGCCATTGGGGT 875

QY 251 ARCTCTCTGGCAATAGCTTCTCTGAGCAGTCCAGCAAGCTATGCGTTCTCATCGG 310

Db 876 TCTTTTCTGAGATTGCTGCAATGCTGGCGCAGCTTTGGAGTTATGACT 935

QY 311 GCTGCTGCCGGGGGGCACCATCTAACATTACCTTCTGGTGATGGAGATGG 370

Db 936 GCACTGGCCAGGGGGTGGGGCTATCTCTGCTCTGCTAGTGGAGATTC 995

QY 371 ATCTCAGGATCACTGACACCTGTCACCTGGCCCTGGGAATGGCCACTCT 430

Db 996 CATGGCCATTGATGACTGACATCACATTATGGCTCTGATCATGCCCTCA 1055

QY 431 GATTTTACCTTACACCTGGCTGGGAGCTTCAGCAGAAATCTCACCAATTCTTACAGA 490

Db 1056 ATCTCTTATATACAGTAGGATTAAGGGTGTCAAGGATACATTCCTGCTCA 1115

QY 491 ACATAGGAATACCTGTCGACCATCTGGCCCTTGGCTCATGTGAAATT 550

Db 1116 AAATTGTTGTCACACTCTTTCATACTGTGGCAAGTATGAAATGTCATGAGC 1175

QY 551 ACAGATGCCAAACAACTCCAAATCAT 578

Db 1176 ATGAAATACCTGAAAGCAAGCTCT 1203

RESULT 14

US-09-833-381-318

Sequence 8, Application US/09833381

Patent No. US20020132090A1

GENERAL INFORMATION:

APPLICANT: Robison, Keith E.

TITLE OF INVENTION: No. US20020132090A1 Nucleic Acid and Protein Homologs

FILE REFERENCE: 5800-119

CURRENT APPLICATION NUMBER: US/09/833,381

CURRENT FILING DATE: 2001-04-11

PRIOR APPLICATION NUMBER: 09/516,448

PRIOR FILING DATE: 2000-02-29

NUMBER OF SEQ ID NOS: 2050

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO: 318

LENGTH: 374

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: misc_feature

LOCATION: (1)..(374)

OTHER INFORMATION: n = A, T, C or G

US-09-833-381-318

Query Match 5.2%; Score 58.6; DB 10; Length 374; Best Local Similarity 57.8%; Pred. No. 7.e-09; Matches 141; Conserv. 0; Mismatches 0; Indels 3; Gaps 2;

QY 80 ATGAAACCTGGAGCTGGTTACAGGGTGGTCACTGTGATGATGGGCTCTATGR 139

Db 131 ATGCAATCTCAATACAGTGTGACACAGTCACAGTCTCATGCTCTAGCATGGATG 190

QY 140 TCTCTTGGATGTTCTGGAGATCCGGAGCTGGTGGCGACATCGGAAGACCTGG 199

Db 191 TTCTCTGGGGTCAATGTTGAAAGTGGCAACAGTCCTAGACATATAAGAGACCATGG 250

QY 200 GCATGCTGCGAGCTGCTGGCGTGGCTCATGCCCTT - TACAGCTTATCTCT 257

Db 251 GTATCTCTGGGGCTCTCTCTGCTAGTTGGATCATGCCCTCCACAGCTTTATCC 310

QY 258 GGCATTAATGCTTCTGAAAGCCGGTCAAGCTATGCT-GTTCTCATCATGGCTGCT 316

Db 311 TGCTCTGGCTGCTGATACCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 370

QY 317 GCCC 320

Db 371 GCCC 374

RESULT 15

US-09-960-352-10081

Sequence 10081, Application US/09960352

Patent No. US20020137139A1

GENERAL INFORMATION:

APPLICANT: Warren, Wesley C.

APPLICANT: Tao, Nengbing

APPLICANT: Byatt, John C.

APPLICANT: Mathialagan, Nagappan

TITLE OF INVENTION: NUCLEIC ACID AND OTHER MOLECULES ASSOCIATED WITH LACTATION AND MUSCLE AND FAT DEPOSITION

FILE REFERENCE: 16511_00673721(10258)C

CURRENT APPLICATION NUMBER: US/09/950,352

CURRENT FILING DATE: 2001-09-24

NUMBER OF SEQ ID NOS: 15112

SEQ ID NO: 10081

LENGTH: 407

TYPE: DNA

ORGANISM: Bos taurus

OTHER INFORMATION: Clone ID: 43-LIB34-043-Q1-B1-C4

US-09-960-352-10081

Query Match 4.8%; Score 54.2; DB 10; Length 407; Best Local Similarity 56.9%; Pred. No. 2.4e-07; Matches 120; Conserv. 0; Mismatches 88; Indels 3; Gaps 1;

QY 359 ATGGAGATGGATGATCTGAGCTAGTATGACACCTGTTCCACCGTGCGCCCTGGGAA 418

Db 10 AGGGGGAGATGACCTGGAGCATGCTGATGACCACTGCTCCACCTCTGGGCA 69

QY 419 TGATGCCACTGCAATTCTACCTGGCTGGCAGCTCTCAG--CAGATCTCA 475

Db	70	TGATGCCCTCTCTGTACCTTACTCCAGGGCATCTATGATGGTCCCTGAAAGACA	129
Qy	476	GCATTCCTTATCAGAACATAGAAATPACCTTGTCGCCTCTGCGCTTGTG	535
Db	130	AGGTGCGTAGGGCGGATCATGATCATGATCTACTGATCTGATTCATCCCTGACCATAG	189
Qy	536	GTTGCTATGGAATTACAGATGCCAAACA	566
Db	190	GCATCATCTCAATCCAACGGCCACAATA	220

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